

XRT Timeline to be uploaded on 2020/08/25

Period: 2020/08/25 11:28:00 - 2020/08/29 12:09:00

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Normal mode

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XOB #1BC7: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(2048ms), Al/Poly(4096ms) - w leak image-1ms												
Term		Pointing (x, y)					Comment					
08/26 12:03:00 - 08/26 12:09:54		Fixed (-528.4, -528.4)					XRT Quadra (1/4)					
PROG= 12 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 51 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 3 2-time(s) 2.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
└─ Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 34 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer Interval

XOB #1BC8: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms												
Term		Pointing (x, y)					Comment					
08/26 12:13:00 - 08/26 12:19:54		Fixed (528.4, -528.4)					XRT Quadra (2/4)					
PROG= 15 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 38 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 1536)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 1536)	Q=90	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(512, 1536)	Q=98	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(512, 1536)	Q=98	0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 3 2-time(s) 2.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
└─ Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 34 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer Interval

XOB #1BC9: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms												
Term		Pointing (x, y)					Comment					
08/26 12:23:00 - 08/26 12:29:54		Fixed (528.4, 528.4)					XRT Quadra (3/4)					
PROG= 05 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 21 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 512)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 512)	Q=90	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(512, 512)	Q=98	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(512, 512)	Q=98	0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 3 2-time(s) 2.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
└─ Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 34 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer Interval

XOB #1BCA: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms												
Term		Pointing (x, y)					Comment					
08/26 12:33:00 - 08/26 12:39:54		Fixed (-528.4, 528.4)					XRT Quadra (4/4)					
PROG= 09 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 14 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 512)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 512)	Q=90	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(1536, 512)	Q=98	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(1536, 512)	Q=98	0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec												

└─ Seqn= 3		2-time(s)	2.0sec											
└─	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 3		2-time(s)	2.0sec											
└─ Seqn= 34		1-time(s)	2.0sec											
└─	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1C52: Synoptic Q95 2x2 - Al/mesh(16/181/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(24/362/4096) + Ti

Term	Pointing (x, y)	Comment
08/26 12:43:00 - 08/26 12:49:54	Fixed (0.0, 0.0)	Synoptic
08/27 04:08:00 - 08/27 04:14:54	Fixed (0.0, 0.0)	Synoptic
08/27 06:03:00 - 08/27 06:09:54	Fixed (0.0, 0.0)	synoptic

└─ PROG= 08		1-time(s)	2.0sec											
└─ Subr= 1		1-time(s)	2.0sec											
└─ Seqn= 5		1-time(s)	2.0sec											
└─	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512	(1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048	(1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 75		1-time(s)	2.0sec											
└─	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	16ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 9		1-time(s)	2.0sec											
└─	Al-poly/Open	Al-poly/Open	close	Safe	Norm	24ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 84		1-time(s)	2.0sec											
└─	thin-Be/Open	thin-Be/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 23		1-time(s)	2.0sec											
└─	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1C8C: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al AEC3, Al/Poly context, with G-band (1n

Term	Pointing (x, y)	Comment
08/26 12:57:00 - 08/26 17:41:54	Track (411.3, -493.1) ^{Ⓢ 08/26 12:50:00}	HOP396 track plage
08/27 06:13:00 - 08/27 10:02:30	Track (530.4, -483.2) ^{Ⓢ 08/27 06:10:00}	#HOP396 track plage

└─ PROG= 02		Inf.-time(s)	2.0sec											
└─ Subr= 1		1-time(s)	2.0sec											
└─ Seqn= 92		1-time(s)	2.0sec											
└─	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384	(1064, 1048)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384	(1064, 1048)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384	(1064, 1048)	Q=98	0	0	2.0sec
└─ Seqn= 42		3-time(s)	2.0sec											
└─	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	512x512	(1064, 1048)	Q=95	3	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec
└─ Seqn= 28		125-time(s)	30.0sec											
└─	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	2	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	2	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1C7D: Synoptic 7 Filter w/ Al-mesh(181/1024/5795), Al-poly(256/2897/8192), Thin-Be(1024/11571/23142) - Thick-Be(65536), Al-poly+Ti-poly(512/8192),

Term	Pointing (x, y)	Comment
08/26 17:45:00 - 08/26 17:51:54	Fixed (0.0, 0.0)	synoptic, shifted -18.0 min

└─ PROG= 20		1-time(s)	2.0sec											
└─ Subr= 1		1-time(s)	2.0sec											
└─ Seqn= 5		1-time(s)	2.0sec											
└─	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512	(1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048	(1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 88		1-time(s)	2.0sec											
└─	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5.66s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec

Seqn= 44	1-time(s)	2.0sec																		
Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Seqn= 33	1-time(s)	2.0sec																		
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Seqn= 23	1-time(s)	4.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec							
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Subr= 2	1-time(s)	2.0sec																		
Seqn= 46	1-time(s)	2.0sec																		
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec							
Seqn= 17	1-time(s)	2.0sec																		
med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec							
med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec							
Seqn= 86	1-time(s)	2.0sec																		
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec							
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec							
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval									

XOB #1B96: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
08/26 17:55:05 - 08/27 01:59:54	Fixed (910.0, 0.0)	#EIS off-limb obs.
PROG= 04	Inf.-time(s)	
Subr= 1	1-time(s)	2.0sec
Seqn= 30	1-time(s)	2.0sec
Open/G-band	Open/G-band	open
Open/G-band	Open/G-band	close
Subr= 2	10-time(s)	360.0sec
Seqn= 8	1-time(s)	2.0sec
thin-Be/Open	med-Be/Open	close
thin-Be/Open	med-Be/Open	close
Seqn= 6	1-time(s)	2.0sec
Al-poly/Open	Al-poly/Open	close
Al-poly/Open	Al-poly/Open	close
Default Filter	Thicker Filter	VLS
mode	image	Exp.
CCD	Bin	ROI: size (center)
Comp.	AEC Buffer	Interval

XOB #1C8B: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

Term	Pointing (x, y)	Comment
08/27 02:25:30 - 08/27 04:04:54	Track (503.1, -485.8) @ 08/27 02:00:00	HOP173 plage
08/27 04:18:00 - 08/27 05:59:54	Track (517.9, -484.4) @ 08/27 04:15:00	HOP173 plage
PROG= 16	Inf.-time(s)	
Subr= 1	1-time(s)	2.0sec
Seqn= 92	1-time(s)	2.0sec
Open/G-band	Open/G-band	open
Open/G-band	Open/G-band	close
Open/Ti-poly	Open/thick-Al	close
Seqn= 42	3-time(s)	2.0sec
Al-poly/Open	thin-Be/Open	close
thin-Be/Open	med-Be/Open	close
Open/thick-Al	Open/thick-Al	close
Seqn= 41	90-time(s)	60.0sec
thin-Be/Open	med-Be/Open	close
Al-poly/Open	thin-Be/Open	close
thin-Be/Open	med-Be/Open	close
Al-poly/Open	thin-Be/Open	close
thin-Be/Open	med-Be/Open	close
Al-poly/Open	thin-Be/Open	close
Default Filter	Thicker Filter	VLS
mode	image	Exp.
CCD	Bin	ROI: size (center)
Comp.	AEC Buffer	Interval

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Flare mode

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XOB #1B8E: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512)

Term	Pointing (x, y)	Comment
08/26 12:57:00 - 08/26 17:41:54	Track (411.3, -493.1) @ 08/26 12:50:00	HOP396 track plage
08/26 17:55:05 - 08/27 01:59:54	Fixed (910.0, 0.0)	#EIS off-limb obs.
08/27 02:25:30 - 08/27 04:04:54	Track (503.1, -485.8) @ 08/27 02:00:00	HOP173 plage
08/27 04:18:00 - 08/27 05:59:54	Track (517.9, -484.4) @ 08/27 04:15:00	HOP173 plage
08/27 06:13:00 - 08/27 10:02:30	Track (530.4, -483.2) @ 08/27 06:10:00	#HOP396 track plage
PROG= 13	30-time(s)	
Subr= 1	20-time(s)	2.0sec
Seqn= 11	1-time(s)	2.0sec
Al-poly/Open	Al-poly/thick-Al	close
Seqn=100	1-time(s)	10.0sec
thin-Be/Open	med-Be/Open	close
Default Filter	Thicker Filter	VLS
mode	image	Exp.
CCD	Bin	ROI: size (center)
Comp.	AEC Buffer	Interval

	med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Subr= 2	1-time(s)	2.0sec										
	Seqn= 10	1-time(s)	2.0sec									
	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Seqn= 11	1-time(s)	2.0sec									
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
	Seqn= 87	1-time(s)	2.0sec									
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs 2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

* * * * *

Active Region Search

* * * * *

NOT USED

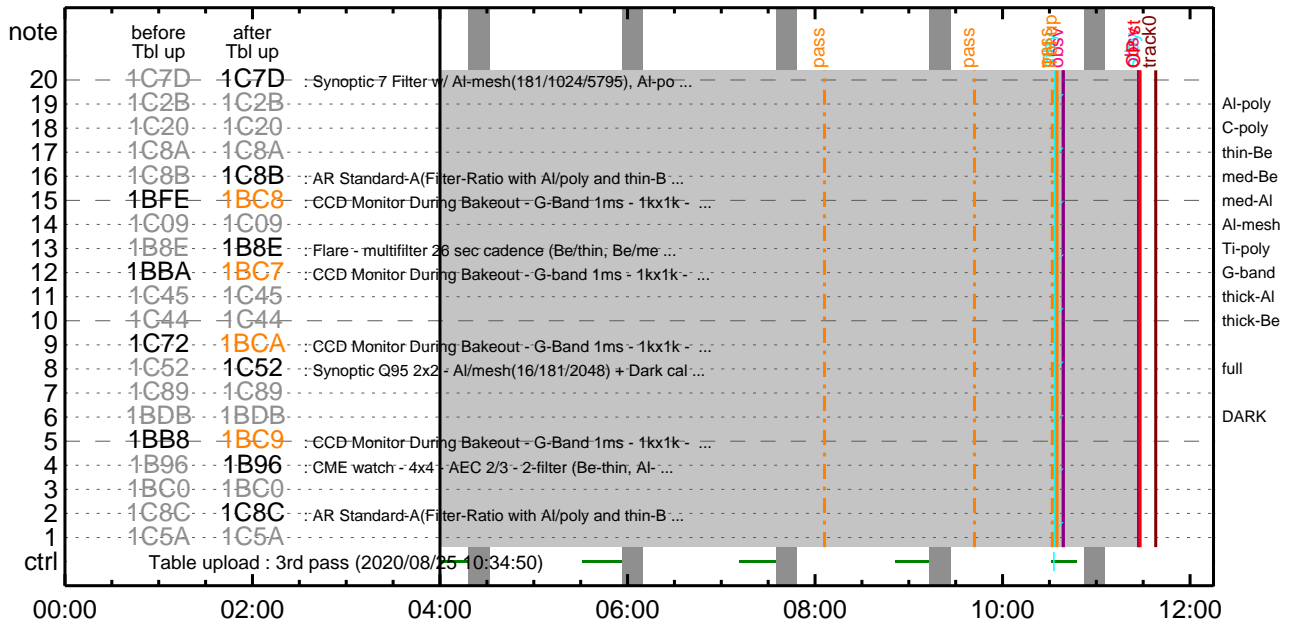
* * * * *

Flare Detection

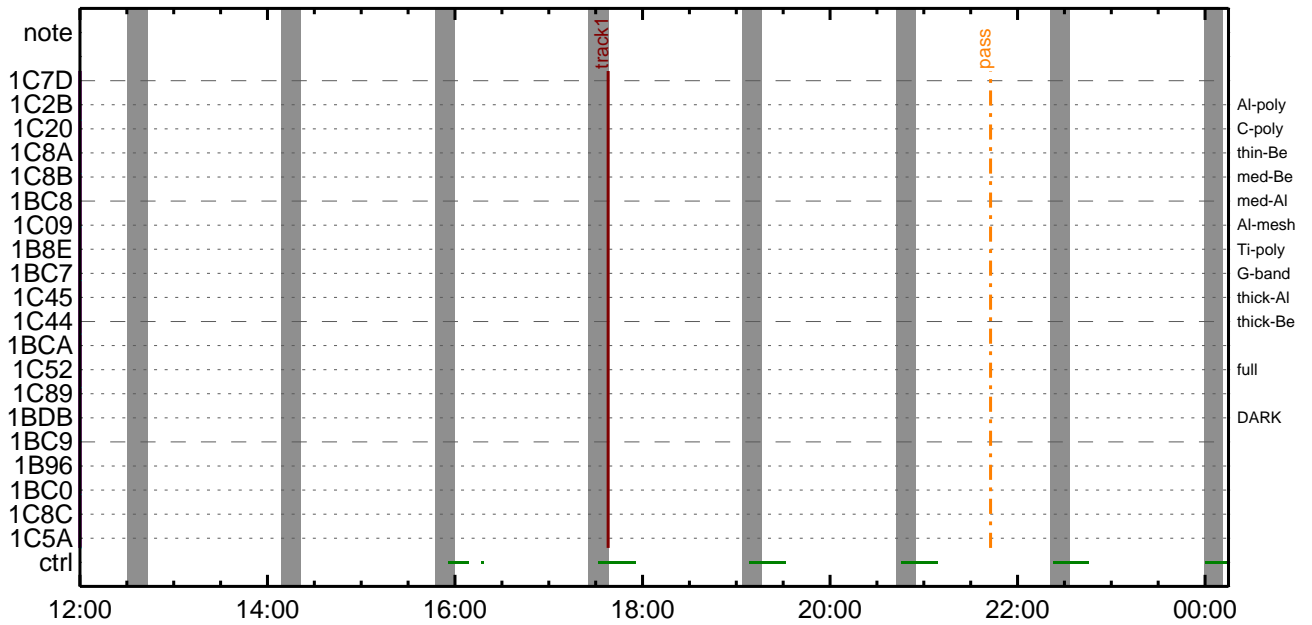
* * * * *

FLD Patrol												
Term	Pointing (x, y)							Comment				
08/26 12:54:18 - 08/26 17:42:18	Track (411.3, -493.1)							HOP396 track plage				
08/26 17:52:23 - 08/27 04:05:18	Fixed (910.0, 0.0)							#EIS off-limb obs.				
08/27 04:15:18 - 08/27 06:00:18	Track (517.9, -484.4)							HOP173 plage				
08/27 06:10:18 - 08/29 12:09:00	Track (530.4, -483.2)							#HOP396 track plage				
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	8ms	Obs 8x8		Q=50			30sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

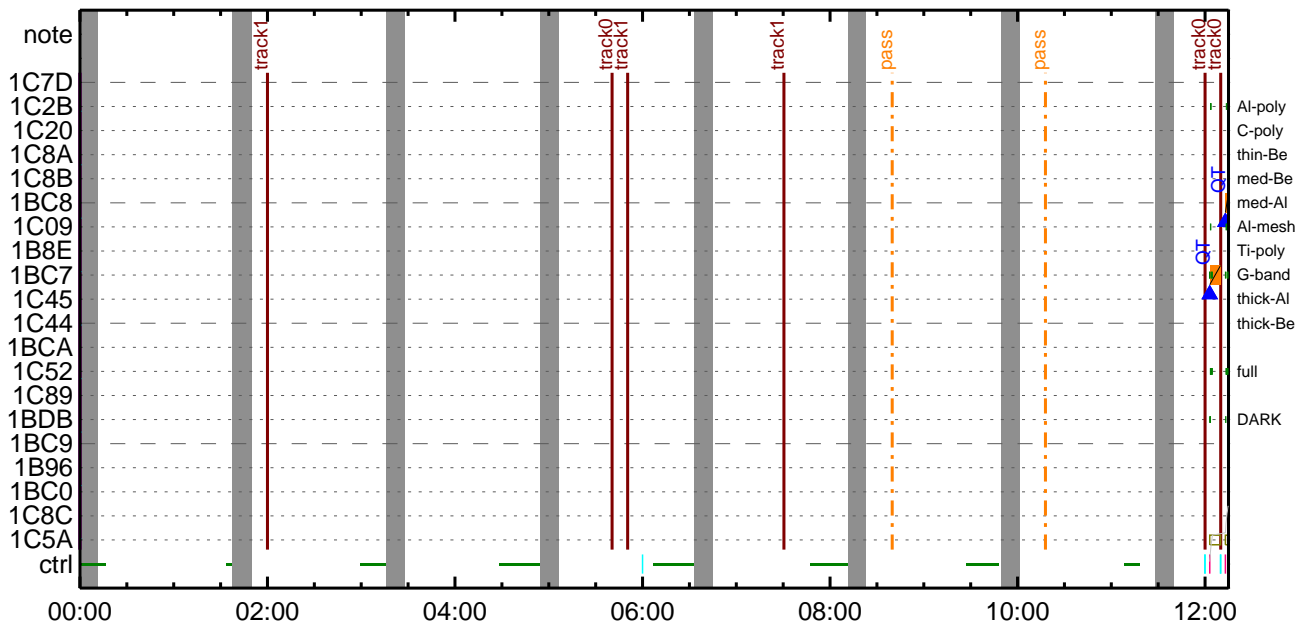
CMDI #0125 2020/08/25



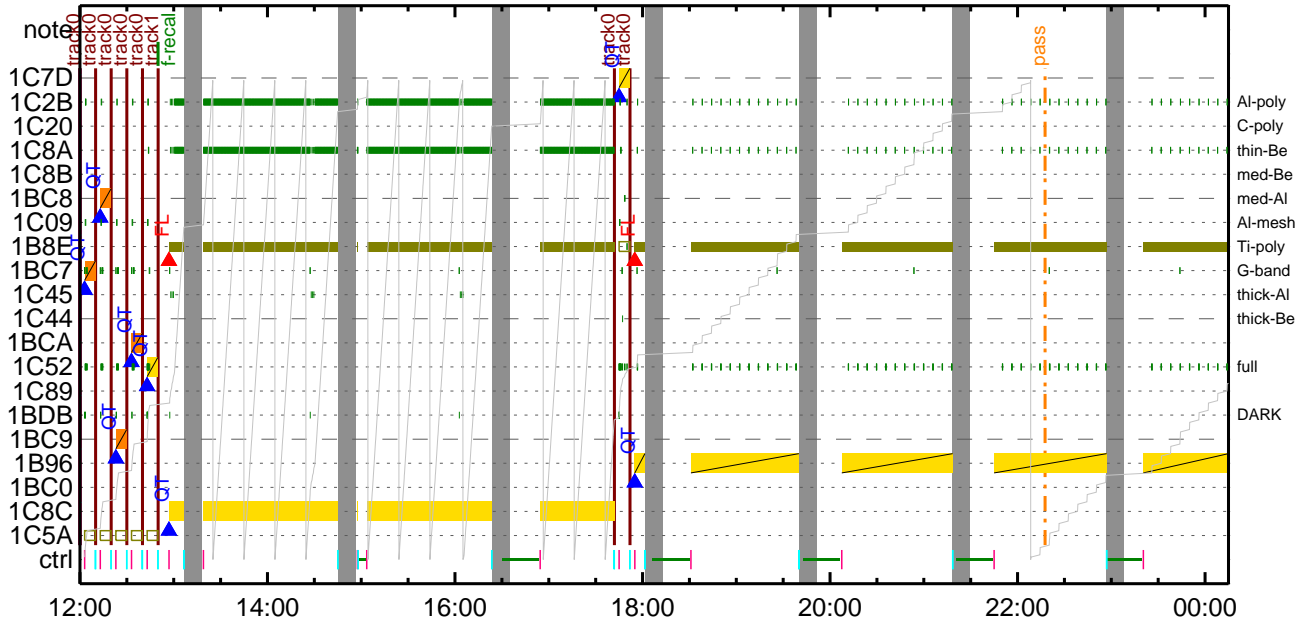
CMDI #0125 2020/08/25



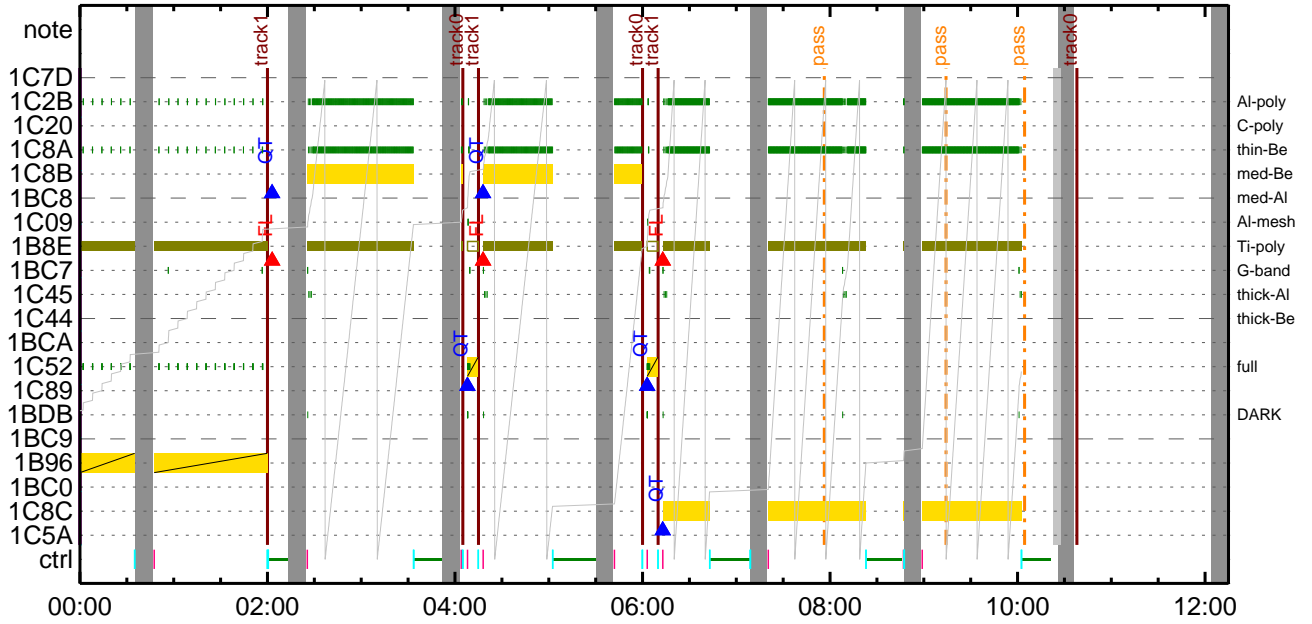
CMDI #0125 2020/08/26



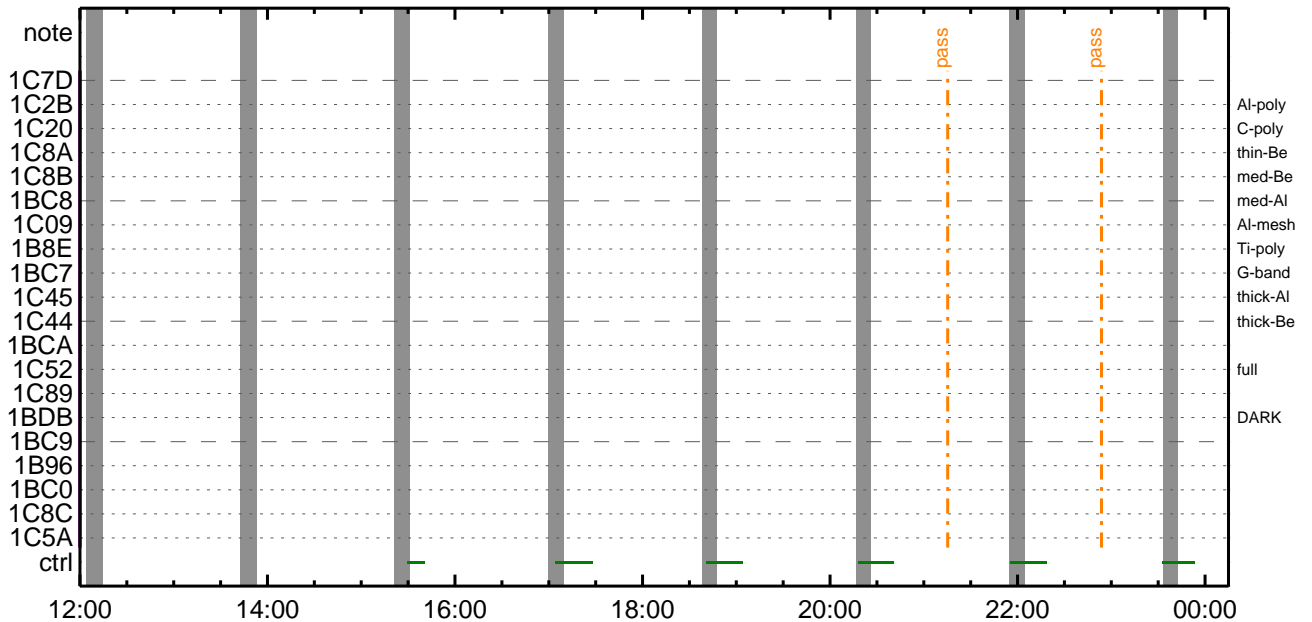
CMDI #0125 2020/08/26



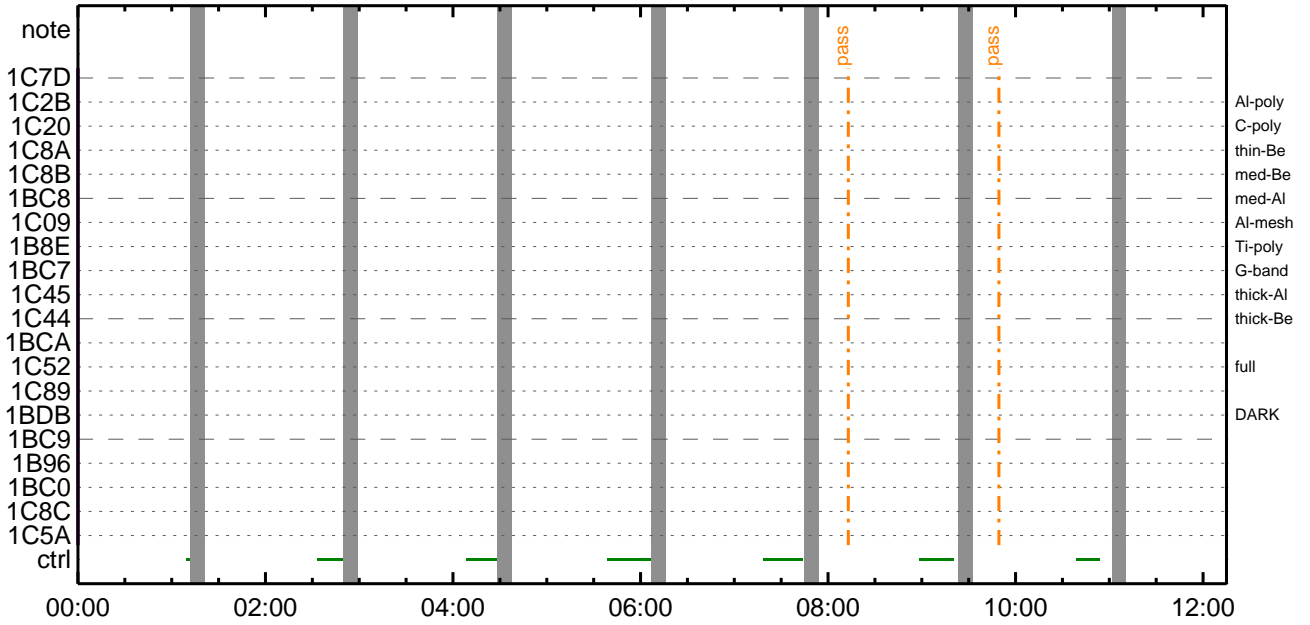
CMDI #0125 2020/08/27



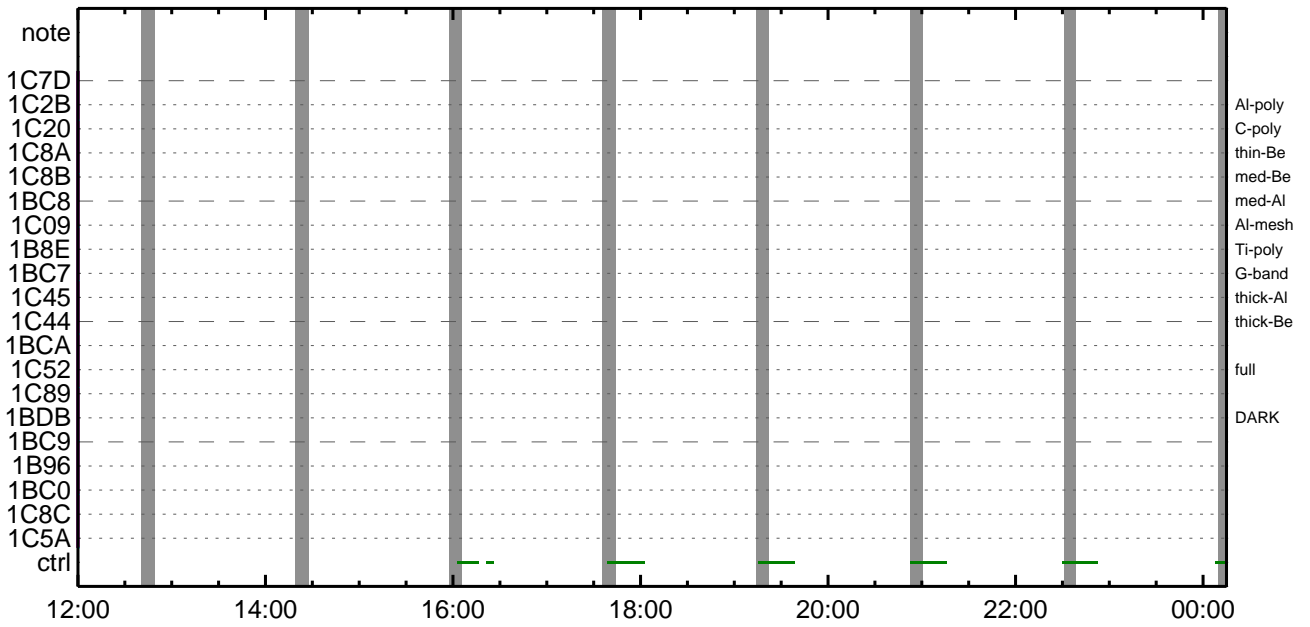
CMDI #0125 2020/08/27



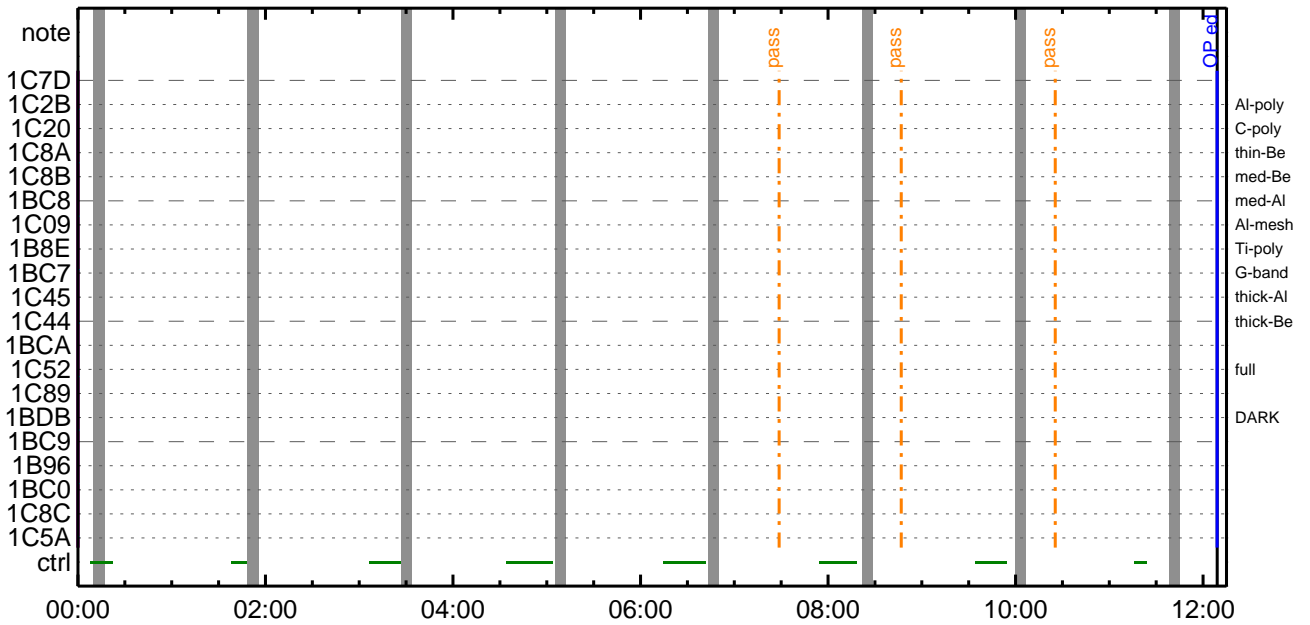
CMDI #0125 2020/08/28



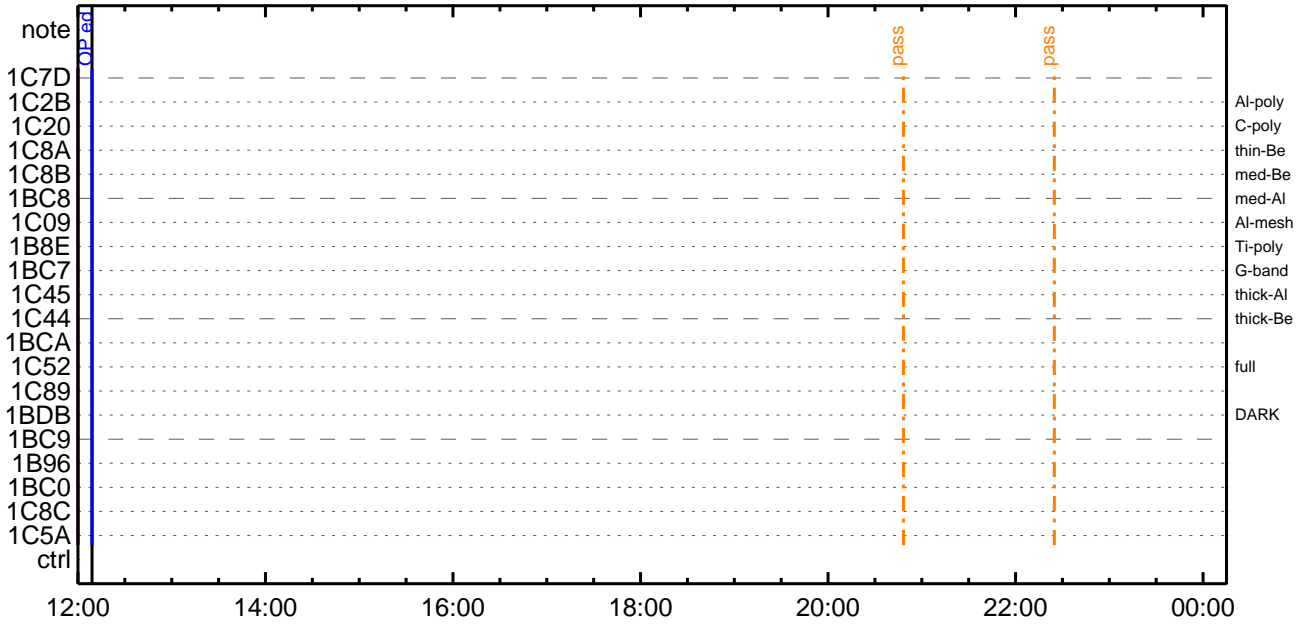
CMDI #0125 2020/08/28



CMDI #0125 2020/08/29



CMDI #0125 2020/08/29




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0096 C.
0097 C.
0098 . C. *****
0099 . C. OP/OGY1;4YEi;YAYOYx
0100 C. *****
0101 C.
0102 . C. iaOP/OGY1;4YEi;a
0103 . S. OP op-974:OP
0104 ( )
0105 . S. OG og-974:OG
0106 ( )
0107 C.
0108 . C. iaNMOG&OPiffoeYAYOYx;a
0109 C. NMOG(0x200000-0x207FFF;s 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C.          cc[HK1_DMP_TOP_ADRS_1]           EQ      40
0113 C.          cc[HK1_DMP_TOP_ADRS_0]           EQ      0
0114 C.          cc[HK1_DMP_BLOCK_NUM]           EQ     127
0115 C.          cc[HK1_DMP_REPEAT_NUM]          EQ      0
0116 C.          cc[HK1_DMA_DMP_PIM]             EQ     DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C.          cc[HK1_PKT_FORM_NO]             EQ      7
0120 C.          cc[HK1_PKT_GEN_TIME]           EQ     0.25 s
0121 C.          cc[HK1_S_TLM_BIT_RATE]         EQ     32k
0122 C.          cc[HK1_X_TLM_BIT_RATE]        EQ      4M
0123 C.          cc[HK1_DMP_CHK_FLG]           EQ     EXEC
0124 . C. YAYOYx1/2^i»oð³içs
0125 C.          cc[HK1_DMP_CHK_FLG]           EQ     NON
0126 . C. RAM ID=NMOGafE¹ç•e²iOKoð³içs
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;s 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C.          cc[HK1_DMP_TOP_ADRS_1]           EQ     41
0132 C.          cc[HK1_DMP_TOP_ADRS_0]           EQ      0
0133 C.          cc[HK1_DMP_BLOCK_NUM]           EQ     127
0134 C.          cc[HK1_DMP_REPEAT_NUM]          EQ      0
0135 C.          cc[HK1_DMA_DMP_PIM]             EQ     DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C.          cc[HK1_PKT_FORM_NO]             EQ      7
0139 C.          cc[HK1_PKT_GEN_TIME]           EQ     0.25 s
0140 C.          cc[HK1_S_TLM_BIT_RATE]         EQ     32k
0141 C.          cc[HK1_X_TLM_BIT_RATE]        EQ      4M
0142 C.          cc[HK1_DMP_CHK_FLG]           EQ     EXEC
0143 . C. YAYOYx1/2^i»oð³içs
0144 C.          cc[HK1_DMP_CHK_FLG]           EQ     NON
0145 . C. RAM ID=NMOGafE¹ç•e²iOKoð³içs
0146 C.
0147 C. NMOG(0x210000-0x2100FF;s 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C.          cc[HK1_DMP_TOP_ADRS_1]           EQ     42
0151 C.          cc[HK1_DMP_TOP_ADRS_0]           EQ      0
0152 C.          cc[HK1_DMP_BLOCK_NUM]           EQ     65
0153 C.          cc[HK1_DMP_REPEAT_NUM]          EQ      0
0154 C.          cc[HK1_DMA_DMP_PIM]             EQ     DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C.          cc[HK1_PKT_FORM_NO]             EQ      7
0158 C.          cc[HK1_PKT_GEN_TIME]           EQ     0.25 s
0159 C.          cc[HK1_S_TLM_BIT_RATE]         EQ     32k
0160 C.          cc[HK1_X_TLM_BIT_RATE]        EQ      4M
0161 C.          cc[HK1_DMP_CHK_FLG]           EQ     EXEC
0162 . C. YAYOYx1/2^i»oð³içs
0163 C.          cc[HK1_DMP_CHK_FLG]           EQ     NON
0164 . C. RAM ID=NMOG, RAM ID=OPafE¹ç•e²iOKoð³içs
0165 C.
0166 . C. ***** oE²¼oI¼A´¶AºoEÉ¬oA÷z© (¼âµ-YAYOYx¼e¼çoðAÓæoç¼ªo´oE¼i¹çoçoâ) *****
0167 C. DHUYâ;4YEi;E¼Y¼;Yi;4YEi;EoðIâ¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C.          cc[HK1_PKT_FORM_NO]             EQ      2
0171 C.          cc[HK1_PKT_GEN_TIME]           EQ     0.5S
0172 C.          cc[HK1_S_TLM_BIT_RATE]         EQ     32K
0173 C.          cc[HK1_X_TLM_BIT_RATE]        EQ      4M
0174 C.
0175 . C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 . C. NOTICE |s OPOG UPLOADa¬A÷z©NGuI¼i¹ç;çºE²¼oI¼TI-CMDA÷z©oI¼A¹Ôo•oEoðo³oE;f
0180 C.          oE¼;çSEToEDUMPaIÆ±oI¼Y¹ç¹Ôo|o³oE;f
0181 C.
0182 . C. TIY³YpYóYÉoðAÐIç(UT)
0183 +. TI 2020-08-25 11:23:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C.          cc[HK1_TI_CMD_NUM]             EQ     1COUNTUP
0186 C.
0187 +. TI 2020-08-25 11:23:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C.          cc[HK1_TI_CMD_NUM]             EQ     1COUNTUP
0190 C.
0191 +. TI 2020-08-25 11:23:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C.          cc[HK1_TI_CMD_NUM]             EQ     1COUNTUP

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0194 C.
0195 +. TI 2020-08-25 11:27:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.           ☿☿[HK1_TI_CMD_NUM]           EQ           1COUNTUP
0198 C.
0199 C. °È²¼αïÄè%îíñøîîΨÄΨ§ΨÄΨ-¹àiÜ
0200 C.           ☿☿[HK1_TI_CMD_ENA/DIS]       EQ           ENA
0201 C.           ☿☿[HK1_TI_CMD_NUM]           EQ           4
0202 C.           ☿☿[HK1_NEXT_EXEC_PIM]        EQ           DHU
0203 C.           ☿☿[HK1_NEXT_EXEC_DC]         EQ           0xB3
0204 C.
0205 . C. *****
0206 C. TIîî°èΨÄΨÖΨ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC (03 ab 03 01 02)
0212 C.           ☿☿[HK1_DMP_TOP_ADRS_1]       EQ           07
0213 C.           ☿☿[HK1_DMP_TOP_ADRS_0]       EQ           2B
0214 C.           ☿☿[HK1_DMP_BLOCK_NUM]        EQ           3
0215 C.           ☿☿[HK1_DMP_REPEAT_NUM]      EQ           0
0216 C.           ☿☿[HK1_DMA_DMP_PIM]         EQ           DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC (07 0b f8)
0219 C.           ☿☿[HK1_PKT_FORM_NO]          EQ           7
0220 C.           ☿☿[HK1_PKT_GEN_TIME]         EQ           0.25 s
0221 C.           ☿☿[HK1_S_TLM_BIT_RATE]      EQ           32k
0222 C.           ☿☿[HK1_X_TLM_BIT_RATE]      EQ           4M
0223 C.           ☿☿[HK1_DMP_CHK_FLG]         EQ           EXEC
0224 C.
0225 . C. ΨÄΨÖΨ×½ªî»αδ³îÇ§
0226 C.           ☿☿[HK1_DMP_CHK_FLG]         EQ           NON
0227 C.
0228 . C. RAM ID=TI_TBLαî½È¹ç.è²ìOKαδ³îÇ§
0229 C.
0230 . C. DHUΨâ;¼ΨÈ;È¼Ψ¼. Ψî;¼ΨÈ;Èαδîäα¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC (02 0a f8)
0233 C.           ☿☿[HK1_PKT_FORM_NO]          EQ           2
0234 C.           ☿☿[HK1_PKT_GEN_TIME]         EQ           0.5S
0235 C.           ☿☿[HK1_S_TLM_BIT_RATE]      EQ           32K
0236 C.           ☿☿[HK1_X_TLM_BIT_RATE]      EQ           4M
0237 C.
0238 . C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2020-08-25 11:27:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC (21 02)
0247 +. TI 2020-08-25 11:27:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC (22)
0250 . C.           [ ] [HK1_TI_CMD_NUM]       EQ           2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2020-08-25 11:27:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC (c3)
0260 . C.           [ ] [HK1_TI_CMD_NUM]       EQ           1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 . C. ***** MDP ´üÃîαî»ò¼ΨαÈÄα¹αèDCBC•×²è *****
0265 C. (¼ª°îΨÖΨÄΨÈΨ¼ΨÈΨâΨçΨèαÈ¼αα¼Ä»Üα¹αè)
0266 . S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 . C. ***** ΨÐΨ¹.Ĭ Daily±;îñøĬ'Øα¹αèDCBC•×²è *****
0271 . S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 . C. îäLOSΨÄΨ§ΨÄΨ-¼Ä»Ü;ä
0276 C.
0277 . C. ***** LOS *****
0278 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-975 2020-08-25 12:28:48 178 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY`¼Ä»Ü;ä
0005 C.
0006 C. YÄYß;¼Y³YÞYÖYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èð¿ðÄð•µ°È»Í×ÁÇðíYÇYÄY×Yí;¼YÉ;ÈÈÈ½µ•íÉ;ÈðÈ¼°ÇÓð•µ¿¼l¹Çðí;çÀ®, ùð¹ðÈððÇÄ+¿®ð•ðÈððð³ðÈ; f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿@µ;ON
0016 C. *****
0017 C. ç“ °ÄÀ, í×ÈYðäLðSðÞÇðí»p´Óðð¹íí, ð•; çÉÓÍ×ðÈXÄÓONðí¹ÒðÈðíðÈððð³ðÈ; f
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. çç[HK1_XPA_ON/OFF] EQ ON
0025 C. çç[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. çç[HK1_XMOD_ON/OFF] EQ ON
0027 C. çç[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XYDÿöYÉYíYÄY`¾ðÀÖð~°ÄÄÈð•µ¿ðé; ç°È²¼ðí°ÈÄ, ¼È½çðð¼Ä¹Òð¹ðé; f
0030 C.
0031 . C. *****
0032 C. DR PT1 Äí¼í°ÈÄ,
0033 C. *****
0034 C. ç“ RESTART;ÈPT1;Èð•µ¿ð¼¼l¹Çðí; ç°È²¼ðí¼Ä¹Òð»°; çDCBC-150ðð¿ÈÈðà; f
0035 C.
0036 . C. ;ãPT1°ÈÄ, ³«»I;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ò, ;¼Ú)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ò, ;¼Ú)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò, ;¼Ú)
0045 C.
0046 . C. ;ãYçYöYÉYÉÄÜÄØ;ÈÄ•Ä°²öÈð;È, äðí°ÈÄ, °È³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ò, ;¼Ú)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ò, ;¼Ú)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÈÄ, ð~¼«È°Ää»ßð•µ¿, ä; ç°È²¼ðð¼Ä¹Òð¹ðé; f
0055 C. YçYöYÉYÉÄÜÄØðäÄ•Ä°²öÈðð~¼¼ð¼¼l¹Çðí´°í»ð¹ðÈðÞÇÄÓðÄ; f
0056 C.
0057 . C. *****
0058 C. DR PT2 Äí¼í°ÈÄ,
0059 C. *****
0060 C. ç“ RESTART;ÈPT2;Èð•µ¿ð¼¼l¹Çðí; ç°È²¼ðí¼Ä¹Òð»°; çDCBC-151ðð¿ÈÈðà; f
0061 C.
0062 . C. ;ãPT2°ÈÄ, ³«»I;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ò, ;¼Ú)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ò, ;¼Ú)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò, ;¼Ú)
0071 C.
0072 . C. ;ãYçYöYÉYÉÄÜÄØ;ÈÄ•Ä°²öÈð;È, äðí°ÈÄ, °È³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ò, ;¼Ú)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ò, ;¼Ú)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÈÄ, Ää»ß; çXÄ+¿@µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÈÄ, Ää»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. çç[HK1_REP_STA/STP] EQ STOP
0087 C. çç[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. çç[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÄ+¿@µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. çç[HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç[HK1_XPA_ON/OFF] EQ OFF
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-976 2020-08-25 12:28:48 102 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÁø•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°ÇÓø•ø¿¼í¹çøÍ;çÁ®, ùø¹øèøÈøÇÁ+¿®ø•øÈøøøøøÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 c0 c0 10 10)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 40 c0 10 10)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 40 40 10 10)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a c0 40 10 10)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0b 80 80 20 08)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0c 80 80 08 20)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0d 85 83 06 06)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0e 85 83 08 08)
0060 + DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 0f 80 80 06 06)
0062 + DC 07-F0 MDP_XRT_ROI_SET
0063 BC (cd 10 80 80 08 08)
0064 + DC 07-F0 MDP_XRT_FLD_ENA
0065 BC (d8)
0066 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0067 BC (c8)
0068 + DC 07-F0 MDP_XRT_ARS_DIS
0069 BC (d5)
0070 + DC 07-F0 MDP_XRT_AEC_RESET
0071 BC (d0)
0072 + DC 07-F0 MDP_XRT_FLD_RESET
0073 BC (da)
0074 . C. ----- Success Verify ? OK / NG ____
0075 C.
0076 C.
0077 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0078 C.
0079 +. DC 07-F0 MDP_XRT_MODE_OBSV
0080 BC (c2)
0081 +. TI 2020-08-25 11:27:02.0
0082 DC 07-F0 MDP_XRT_MODE_OBSV
0083 BC (c2)
0084 . C. ----- Success Verify ? OK / NG ____
0085 C.
0086 C. ***** XRT END *****
0087 C.
0088 . C. ***** MDP 'úÁíøí»ø¼YøÈÁøø¹øèDCBC•x²è *****
0089 C. (%á°íYÓYÁYÈYB¥YÉYçYèøÈ¼øø¼Á»Ûø¹øè)
0090 . S. DC-BC dcbc-402:DCBC
0091 (MDP_known_event)
0092 C.
0093 C.
0094 . C. ***** YD¥¹.İ Daily+¿ÍÑøÈ´Øø¹øèDCBC•x²è *****
0095 . S. DC-BC dcbc-153:DCBC
```

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0096 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0097 C.
0098 C.
0099 . C. ;äLOSŸÁŸSŸÄŸ-¼Ä»Û;ä
0100 C.
0101 . C. ***** LOS *****
0102 C.
```

*** OP Sequence for XRT ***

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2020/08/25 11:38:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 00 b3 75 01 f3
2020/08/25 17:38:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 01 03 74 01 f3
2020/08/26 02:00:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 01 03 74 01 f3
2020/08/26 05:40:30.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM                    5 02-76 00 00 00 00 00
2020/08/26 05:50:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 01 03 74 01 f3
2020/08/26 06:00:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/08/26 06:00:02.0 XRT_TCIB_XRT_S_HTR_A_DIS_429_OG [0x1ad]
                        TCIB_XRT_S_HTR_A_DIS      0 04-C0
2020/08/26 07:30:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 01 03 74 01 f3
2020/08/26 11:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/08/26 11:59:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/08/26 11:59:58.0 XRT_FOCUS_POSITION_422_OG [0x1a6]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2020/08/26 12:00:00.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM                    5 02-76 00 2e f9 2e f9
2020/08/26 12:02:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/08/26 12:02:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2020/08/26 12:02:56.0 XRT_FLD_DIS_425_OG [0x1a9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/08/26 12:02:58.0 XRT_QT_PROG_SET_431_OG [0x1af]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 0c
2020/08/26 12:03:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2020/08/26 12:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/08/26 12:09:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/08/26 12:09:58.0 XRT_FOCUS_POSITION_422_OG [0x1a6]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2020/08/26 12:10:00.0 AOCs_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM                    5 02-76 00 2e f9 d1 07
2020/08/26 12:12:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/08/26 12:12:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2020/08/26 12:12:56.0 XRT_FLD_DIS_425_OG [0x1a9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/08/26 12:12:58.0 XRT_QT_PROG_SET_404_OG [0x194]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 0f
2020/08/26 12:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2020/08/26 12:19:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/08/26 12:19:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/08/26 12:19:58.0 XRT_FOCUS_POSITION_422_OG [0x1a6]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2020/08/26 12:20:00.0 AOCs_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM                    5 02-76 00 d1 07 d1 07
2020/08/26 12:22:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/08/26 12:22:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2020/08/26 12:22:56.0 XRT_FLD_DIS_425_OG [0x1a9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/08/26 12:22:58.0 XRT_QT_PROG_SET_446_OG [0x1be]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 05
2020/08/26 12:23:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2020/08/26 12:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/08/26 12:29:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/08/26 12:29:58.0 XRT_FOCUS_POSITION_422_OG [0x1a6]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2020/08/26 12:30:00.0 AOCs_OrE-point_Start_7_OG [0x09d]
                        AOCU_NM                    5 02-76 00 d1 07 2e f9
2020/08/26 12:32:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/08/26 12:32:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2020/08/26 12:32:56.0 XRT_FLD_DIS_425_OG [0x1a9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/08/26 12:32:58.0 XRT_QT_PROG_SET_414_OG [0x19e]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 09
2020/08/26 12:33:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2020/08/26 12:39:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/08/26 12:39:56.0 XRT_CTRL_MANU_402_OG [0x192]

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2020/08/26	12:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	12:40:00.0	AOCs_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/08/26	12:40:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2020/08/26	12:40:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2020/08/26	12:40:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2020/08/26	12:42:58.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/08/26	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2020/08/26	12:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/08/26	12:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	12:49:58.0	XRT_FOCUS_RECALIBRATE_427_OG [0x1ab]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	12:50:00.0	AOCs_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_RECAL	2	07-F8	78 00
2020/08/26	12:53:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	AOCU_NM	5	02-76	01 03 74 01 f3
2020/08/26	12:54:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/08/26	12:54:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2020/08/26	12:54:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/08/26	12:54:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2020/08/26	12:54:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/08/26	12:56:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/08/26	12:56:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2020/08/26	12:57:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/08/26	13:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/08/26	13:06:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	13:06:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	13:06:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/08/26	13:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/08/26	13:18:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/08/26	13:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2020/08/26	14:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2020/08/26	14:45:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/08/26	14:45:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	14:45:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	14:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/08/26	14:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/08/26	14:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/08/26	14:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_Custom_430_OG [0x1ae]			
2020/08/26	14:58:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2020/08/26	14:58:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/08/26	14:58:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	15:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	15:02:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/08/26	15:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/08/26	16:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/08/26	16:23:32.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]			
2020/08/26	16:23:34.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2020/08/26	16:23:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/08/26	16:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	16:53:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/26	16:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
			XRT_Custom_430_OG [0x1ae]			
			XRT_CTRL_AUTO_424_OG [0x1a8]			
			MDP_XRT_CTRL_AUTO	1	07-F0	c0

2020/08/26	17:41:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/08/26	17:41:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/08/26	17:41:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2020/08/26	17:42:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00	00
2020/08/26	17:42:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2020/08/26	17:42:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2020/08/26	17:42:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/08/26	17:44:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2020/08/26	17:45:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/08/26	17:51:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/08/26	17:51:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/08/26	17:51:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2020/08/26	17:52:00.0	AOCS_Ore-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00	00	00	af	1b
2020/08/26	17:52:18.0	XRT_ROI_A_435_OG [0x1b3]	MDP_XRT_ROI_SET	6	07-F0	cd	05	85	83	06
			MDP_XRT_ROI_SET	6	07-F0	cd	06	80	80	08
			MDP_XRT_ROI_SET	6	07-F0	cd	07	80	80	20
			MDP_XRT_ROI_SET	6	07-F0	cd	0b	80	80	20
			MDP_XRT_ROI_SET	6	07-F0	cd	0c	80	80	08
			MDP_XRT_ROI_SET	6	07-F0	cd	0d	85	83	06
			MDP_XRT_ROI_SET	6	07-F0	cd	0e	85	83	08
			MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80	06
2020/08/26	17:52:18.5	XRT_ROI_B_445_OG [0x1bd]	MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80	06
			MDP_XRT_ROI_SET	6	07-F0	cd	10	80	80	08
2020/08/26	17:52:23.5	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/08/26	17:52:25.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/08/26	17:52:27.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/08/26	17:52:29.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/08/26	17:52:31.5	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/08/26	17:55:01.5	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2020/08/26	17:55:03.5	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2020/08/26	17:55:05.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/08/26	18:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/08/26	18:01:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/08/26	18:01:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/08/26	18:01:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/08/26	18:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/08/26	18:30:00.0	XRT_Custom_430_OG [0x1ae]								
2020/08/26	18:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/08/26	19:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/08/26	19:40:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/08/26	19:40:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/08/26	19:40:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/08/26	19:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/08/26	20:06:30.0	XRT_Custom_430_OG [0x1ae]								
2020/08/26	20:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/08/26	21:18:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/08/26	21:18:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/08/26	21:18:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/08/26	21:18:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/08/26	21:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/08/26	21:44:00.0	XRT_Custom_430_OG [0x1ae]								
2020/08/26	21:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				

2020/08/26	22:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/26	22:57:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/26	22:57:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/08/26	22:57:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/08/26	23:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/08/26	23:19:30.0	XRT_Custom_430_OG [0x1ae]						
2020/08/26	23:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/08/27	00:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	00:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	00:35:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/08/27	00:35:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/08/27	00:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/08/27	00:46:30.0	XRT_Custom_430_OG [0x1ae]						
2020/08/27	00:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/08/27	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	01:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2020/08/27	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	01 03 74 01 f3		
2020/08/27	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/08/27	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/08/27	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/08/27	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/08/27	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/08/27	02:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	02:00:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	02:00:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/08/27	02:00:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/08/27	02:02:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2020/08/27	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2020/08/27	02:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/08/27	02:24:30.0	XRT_Custom_430_OG [0x1ae]						
2020/08/27	02:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/08/27	03:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	03:33:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	03:33:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/08/27	03:33:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/08/27	03:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/08/27	04:03:00.0	XRT_Custom_430_OG [0x1ae]						
2020/08/27	04:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/08/27	04:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	04:04:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	04:04:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2020/08/27	04:05:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2020/08/27	04:05:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2020/08/27	04:05:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2020/08/27	04:05:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/08/27	04:07:58.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2020/08/27	04:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/08/27	04:14:54.0	XRT_CTRL_MANU_402_OG [0x192]						

2020/08/27	04:14:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	04:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	04:15:00.0	AOCs_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2020/08/27	04:15:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01	03	74 01 f3
2020/08/27	04:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/08/27	04:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/08/27	04:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/08/27	04:15:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/08/27	04:17:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/08/27	04:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10	
2020/08/27	04:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2020/08/27	05:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/08/27	05:02:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	05:02:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	05:02:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/08/27	05:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/08/27	05:41:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/08/27	05:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2020/08/27	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/08/27	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	05:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	06:00:00.0	AOCs_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2020/08/27	06:00:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00	00	00 00 00
2020/08/27	06:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2020/08/27	06:00:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2020/08/27	06:02:58.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/08/27	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08	
2020/08/27	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/08/27	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	06:10:00.0	AOCs_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2020/08/27	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01	03	74 01 f3
2020/08/27	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/08/27	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/08/27	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/08/27	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/08/27	06:12:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/08/27	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02	
2020/08/27	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2020/08/27	06:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/08/27	06:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	06:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/08/27	06:43:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/08/27	06:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/08/27	07:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/08/27	07:09:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_MANU_400_OG [0x190]					
2020/08/27	07:09:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

2020/08/27	07:09:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/08/27	07:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/08/27	07:19:30.0	XRT_Custom_430_OG [0x1ae]				
2020/08/27	07:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/08/27	08:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/27	08:23:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/27	08:23:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/08/27	08:23:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/08/27	08:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/08/27	08:46:00.0	XRT_Custom_430_OG [0x1ae]				
2020/08/27	08:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/08/27	08:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/27	08:47:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/27	08:47:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/08/27	08:47:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/08/27	08:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/08/27	08:58:00.0	XRT_Custom_430_OG [0x1ae]				
2020/08/27	08:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/08/27	10:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/27	10:02:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/08/27	10:02:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/08/27	10:02:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/08/27	10:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/08/27	10:38:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00